



3DI/LC module (connection terminals) for ET 200SP motor starter

<b>product brand name</b>	SIMATIC
<b>product category</b>	Accessories
<b>product designation</b>	3DI/LC control module
<b>design of the product</b>	Accessories
<b>product type designation</b>	ET 200SP
<b>General technical data</b>	
<ul style="list-style-type: none"> <li><b>product function</b></li> <li>product function with 24 V sensor supply short-circuit protection</li> </ul>	Accessories Yes
<b>diagnostics function short-circuit detection</b>	Yes
<b>display version for diagnostic function: Status display transmission channel channel status LED</b>	Yes
<ul style="list-style-type: none"> <li>note</li> </ul>	Green LED
<b>degree of pollution</b>	2
<b>shock resistance</b>	6g / 11 ms
<b>vibration resistance</b>	15 mm to 6 Hz; 2g to 500 Hz
<b>Substance Prohibitance (Date)</b>	04/15/2016
<b>SVHC substance name</b>	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5
<b>Weight</b>	0.046 kg
<b>product function short circuit protection</b>	Yes
<b>Electrical Safety</b>	
<b>touch protection against electrical shock</b>	finger-safe
<b>Inputs/ Outputs</b>	
<b>product function</b> <ul style="list-style-type: none"> <li>digital inputs parameterizable</li> <li>at the standard inputs at rated input voltage parameterizable input delay time</li> </ul>	Yes No
<b>input delay time at the standard inputs</b>	<ul style="list-style-type: none"> <li>for signal &lt;0&gt; to &lt;1&gt; at rated input voltage</li> <li>for signal &lt;1&gt; to &lt;0&gt; at rated input voltage</li> </ul> 10 ... 15 ms 10 ... 15 ms
<b>number of digital inputs</b>	4
<ul style="list-style-type: none"> <li>note</li> </ul> digital input version type 1 acc. to IEC 61131	Inputs 1-3 parameterizable; input 4 (LC) for local control Yes
<b>value range of the input voltage at digital input for signal &lt;0&gt; detection</b>	-30 ... +5 V
<b>value range of the input voltage at digital input for signal &lt;1&gt; detection</b>	+15 ... +30 V
input current at digital input for signal <1> typical	9 mA
<b>type of output voltage for sensor supply</b>	DC

output voltage for sensor supply minimum	19.2 V
output current for sensor supply at 60 °C maximum	0.1 A
wire length of sensor maximum	30 m

#### Installation/ mounting/ dimensions

mounting position	vertical, horizontal, flat
fastening method	Can be plugged onto motor starters
height	54.5 mm
width	30 mm
depth	42.3 mm

#### Ambient conditions

installation altitude at height above sea level maximum	2 000 m
ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
relative humidity during operation	10 ... 95 %
air pressure according to SN 31205	900 ... 1 060 hPa

#### Connections/ Terminals

type of electrical connection for auxiliary and control circuit	spring-loaded terminals (push-in)
connectable conductor cross-section for auxiliary contacts	
• solid or stranded	0.2 ... 1.5 mm <sup>2</sup>
• finely stranded with core end processing	0.25 ... 1.5 mm <sup>2</sup>
• finely stranded without core end processing	0.2 ... 1.5 mm <sup>2</sup>
AWG number as coded connectable conductor cross section for auxiliary contacts	24 ... 16
shape of the screwdriver tip	Slot
size of the screwdriver tip	Standard screwdriver 0.6 mm x 3.5 mm

#### Approvals Certificates

General Product Approval	EMV	Test Certificates
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[Type Test Certificates/Test Report](#)

Maritime application	other	Environment
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[Confirmation](#)



#### Environment

[Environmental Confirmations](#)

#### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1908-1AA00-0BP0>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1908-1AA00-0BP0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1908-1AA00-0BP0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)



